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	28	6081665.URPN.	USPAT	2003/10/07 13:24
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	362	((interpret\$3 or vm or (virtual adj machine)) same compile) and (hll or high-level or 32bit or 32-bit or ("32" adj bit) or native) same (bytecode or byte-code or (byte adj code) or 8bit or 8-bit or bit or java)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/09 08:44
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↑ INDEX TERMS

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 Iffat H. Kazi , Howard H. Chen , Berdenia Stanley , David J. Lilja

**ACM Computing Surveys (CSUR)** September 2000

Volume 32 Issue 3

This survey describes research directions in techniques to improve the performance of programs written in the Java programming language. The standard technique for Java execution is interpretation, which provides for extensive portability of programs. A Java interpreter dynamically executes Java bytecodes, which comprise the instruction set of the Java Virtual Machine (JVM). Execution time performance of Java programs can be improved through compilation, possibly at the expense of portability ...